

Fractions

Unit Test

PART A

Instructions

This part consists of 12 multiple-choice questions

Each question is worth 1 mark

Fill in only ONE CIRCLE for each question

Calculators are NOT allowed

Time allowed: 15 minutes

Total marks = 12

					Marks	
1	$7 + \frac{7}{10}$ equals	(A) $7\frac{3}{10}$	(B) $7\frac{7}{10}$	(C) $7\frac{1}{10}$	(D) $\frac{107}{10}$	1
2	$1 - \frac{80}{1000}$ equals	(A) $\frac{1080}{1000}$	(B) $\frac{900}{1000}$	(C) $\frac{23}{25}$	(D) $\frac{24}{25}$	1
3	$\frac{1}{5}$ of $35 + 16$ equals	(A) 21	(B) 27	(C) 23	(D) 28	1
4	$\frac{1}{2} + \frac{1}{3}$ equals	(A) $\frac{1}{5}$	(B) $\frac{5}{6}$	(C) $\frac{1}{6}$	(D) $\frac{2}{3}$	1
5	The value of $\frac{1}{2} + \frac{3}{4} + \frac{5}{6}$ is	(A) $2\frac{1}{12}$	(B) $3\frac{5}{12}$	(C) $2\frac{7}{12}$	(D) $\frac{15}{24}$	1
6	$\frac{3}{4} + \frac{4}{3}$ equals	(A) $\frac{25}{12}$	(B) 1	(C) $\frac{12}{7}$	(D) $\frac{7}{12}$	1
7	Two-thirds of a number is equal to 8; the number is	(A) 16	(B) 24	(C) 12	(D) 40	1
8	$\frac{4 \times 8 \times 15 \times 10}{2 \times 6 \times 5}$ equals	(A) 80	(B) 70	(C) 60	(D) 100	1
9	$1 - \frac{4}{5}$ equals	(A) 15	(B) 25	(C) 5	(D) 20	1
10	Which of the following numbers is the largest?	(A) $\frac{2}{3}$	(B) $\frac{3}{5}$	(C) $\frac{2}{7}$	(D) $\frac{7}{10}$	1
11	$\frac{3}{7} \times \frac{21}{15}$ equals	(A) $\frac{7}{105}$	(B) $\frac{12}{35}$	(C) $\frac{24}{105}$	(D) $\frac{3}{5}$	1
12	$4\frac{2}{5} + 1\frac{1}{4}$ equals	(A) $3\frac{7}{20}$	(B) $5\frac{13}{20}$	(C) $6\frac{9}{20}$	(D) $7\frac{11}{20}$	1

Total marks achieved for PART A

12

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PART B

Instructions This part consists of 15 questions
Each question is worth 1 mark
Write answers in the answers-only column

Time allowed: 20 minutes

Total marks = 15

Questions	Answers only	Marks
1 $\frac{7}{8} = \frac{\quad}{56}$	_____	<div>1</div>
2 Simplify $\frac{9}{12}$	_____	<div>1</div>
3 Simplify $7\frac{8}{12}$, leaving as a mixed number.	_____	<div>1</div>
4 Write $4\frac{7}{9}$ as an improper fraction.	_____	<div>1</div>
5 Write $\frac{37}{4}$ as a mixed number.	_____	<div>1</div>
6 Add $\frac{3}{10} + \frac{4}{10}$	_____	<div>1</div>
7 Subtract $\frac{39}{70} - \frac{9}{70}$	_____	<div>1</div>
8 Work out $\frac{2}{3} + \frac{5}{7}$	_____	<div>1</div>
9 Find $\frac{8}{9} - \frac{1}{2}$	_____	<div>1</div>
Evaluate the following:		
10 $\frac{3}{7} \times \frac{5}{7} =$	_____	<div>1</div>
11 $\frac{8}{21} \times \frac{7}{16} =$	_____	<div>1</div>
12 $\frac{5}{27} \div \frac{4}{9} =$	_____	<div>1</div>
13 $15 \div \frac{2}{5} =$	_____	<div>1</div>
14 $\left(\frac{8}{25} \div \frac{3}{5}\right) \div \frac{4}{5} =$	_____	<div>1</div>
15 $5\frac{5}{7} \times \frac{3}{20} =$	_____	<div>1</div>

Total marks achieved for PART B

15